

**Amendments to the Claims:**

Please cancel claims 1-17 and 19-22 without prejudice.

**Listing of Claims:**

Claims 1-17. (Canceled)

Claim 18. (Previously presented) A method of producing a nerve regeneration tube, comprising:

- a) providing a sheet of collagen material having a compact, smooth outer barrier surface so as to inhibit cell adhesion thereon and act as a barrier to prevent passage of cells therethrough, and a fibrous surface opposite the smooth barrier surface; and
- b) forming said sheet into a tube having a sidewall with said compact, smooth outer barrier surface oriented outwardly, said sidewall having an inner surface comprised of said fibrous surface opposite said smooth barrier surface;

wherein said sheet of collagen material has two opposite side edges, and the two side edges of said sheet are brought together to form said tube from said sheet;

further including a step of joining said two side edges together to form said tube from said sheet; wherein the two side edges are joined together by sutures or adhesive.

Claims 19-22. (Canceled)